

**President and Trustees of Bates College
Androscoggin County
Lewiston, Maine
A-373-71-I-R (SM)**

**Departmental
Findings of Fact and Order
Air Emission License**

After review of the air emissions license application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

The President and Trustees of Bates College (Bates College) located in Lewiston, Maine have applied to renew their Air Emission License permitting the operation of emission sources associated with their educational facility.

This renewal also updates some minor facility changes from the previous renewal. Two boilers have been removed and capacities of three of the existing boilers need slight corrections. Bates College has also requested the addition of two new emergency generators.

B. Emission Equipment

The following equipment is addressed in this air emission license:

Fuel Burning Equipment

<u>Equipment</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Maximum Firing Rate</u>	<u>Fuel Type</u>	<u>Stack #</u>
Steam Plant				
Boiler #1	29.4	210 gal/hr 29,000 scf/hr	#2 fuel oil natural gas	1
Boiler #2	29.4	210 gal/hr 29,000 scf/hr	#2 fuel oil natural gas	1
Boiler #3	29.4	210 gal/hr 29,000 scf/hr	#2 fuel oil natural gas	1
Merrill Gym				
Boiler #4	6.3	44.8 gal/hr 6,100 scf/hr	#2 fuel oil natural gas	2
Boiler #5	6.3	44.8 gal/hr 6,100 scf/hr	#2 fuel oil natural gas	2

<u>Equipment</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Maximum Firing Rate</u>	<u>Fuel Type, % sulfur</u>	<u>Stack #</u>
Underhill Arena				
Furnace #10	2.5	2,500 scf/hr	natural gas	5
Furnace #11	2.5	2,500 scf/hr	natural gas	6
Rzasa House				
Boiler #12*	2.5	17.9 gal/hr 2,500 scf/hr	#2 fuel oil natural gas	
Boiler #13*	2.5	17.9 gal/hr 2,500 scf/hr	#2 fuel oil natural gas	
Boiler #14*	2.5	17.9 gal/hr 2,500 scf/hr	#2 fuel oil natural gas	
Commons				
Boiler #16	3.8	3,650 scf/hr	natural gas	
Parker Hall				
Boiler #17	1.8	12.6 gal/hr	#2 fuel oil	
Roger-Williams Hall				
Boiler #18	1.2	8.4 gal/hr	#2 fuel oil	
Smith Hall				
Boiler #19	1.8	12.6 gal/hr	#2 fuel oil	

* - These units were previously incorrectly listed as 2.2 MMBtu/hr each.

Previously licensed Boilers #9 and #15 were removed from service in 2001.

Bates College operates various other fuel burning equipment that are below the 1.0 MMBtu/hr and 0.5 MMBtu/hr licensing thresholds for boiler and stationary internal combustion engines, respectively.

Electrical Generation Equipment

<u>Equipment</u>	<u>Power Output (kW)</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Firing Rate (gal/hr)</u>	<u>Fuel Type, % sulfur</u>
Steam Plant				
Generator #1	250	2.6	19.0	diesel, 0.05%
Mays Center				
Generator #2	100	1.1	8.0	diesel, 0.05%
Pettengill Hall				
Generator #3	265	3.0	21.9	diesel, 0.05%
New Construction				
Generator #4**	125	1.4	10.4	diesel, 0.05%
Generator #5**	300	3.4	24.9	diesel, 0.05%

**-Generators #4 and #5 are new to this license. Generator #4 will be used in a new residential building to be located just North of Rand Hall. Generator #5 will be used in a new dining facility to be located just North of Alumni Gymnasium.

Bates College also operates three degreasing units. The units located in the plumbing shop and maintenance shop were replaced with water-based units, and therefore the two units are no longer subject to licensing or the Department's Chapter 130. The degreaser in the Olin Arts Center is maintained by Safety Kleen and remains subject to Chapter 130.

A number of other activities performed at Bates College are considered insignificant for licensing purposes, including maintenance painting, landscaping, cleaning, and woodworking.

C. Application Classification

The application for Bates College is considered to be a renewal and has been processed through Chapter 115 of the Department's regulations. With the fuel limit on the boilers and the operating hours restriction on the emergency generators, the facility is licensed below the major source thresholds and is considered a synthetic minor.

II. BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Department regulations. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in Chapter 100 of the Department's regulations. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

B. Boilers #1, #2, and #3

Boilers #1, #2, and #3 are Cleaver Brooks boilers each rated at 29.4 MMBtu/hr with the ability to fire either #2 fuel oil or natural gas. The units were installed in 1995 at the Cuttens Steam Plant to supply campus heat. Each boiler is equipped with low NO_x burners and utilizes 5% flue gas recirculation. The boilers exhaust through a common stack (stack #1).

Boilers #1, #2, and #3 are each subject to New Source Performance Standards (NSPS) Subpart Dc for steam generating units greater than 10 MMBtu/hr manufactured after June 9, 1989.

A summary of the BPT analysis for Boilers #1, #2, and #3 is the following:

1. The total fuel use for Boilers #1, #2, and #3 combined shall not exceed 1,000,000 gal/year of #2 fuel oil or the Btu equivalent (140,000 MMBtu/year) for natural gas or a combination of natural gas and fuel oil, based on a 12 month rolling total.
2. The SO₂ emission limits are based on the firing of fuel which meets the criteria in ASTM D396 for #2 fuel oil.
3. The PM, NO_x, CO and VOC emission limits are based on a previous BACT analysis.

4. Visible emissions from the combined stack for Boilers #1, #2, and #3 shall not exceed 20% opacity on a six (6) minute block average, except for no more than one (1) six (6) minute block average not to exceed 27% opacity in a continuous 3-hour period.

C. Smaller Boilers

Bates College operates additional boilers on campus rated between 1 MMBtu/hr and 6.3 MMBtu/hr. These boilers include the following: Boilers #4 and #5 (6.3 MMBtu/hr each), Furnaces #10 and #11 (2.5 MMBtu/hr each), Boilers #12, #13, and #14 (2.5 MMBtu/hr each), Boiler #16 (3.8 MMBtu/hr), Boilers #17 and #19 (1.8 MMBtu/hr each), and Boiler #18 (1.2 MMBtu/hr). None of these boilers are greater than 10 MMBtu/hr and are therefore not subject to NSPS Subpart Dc.

A summary of the BPT analysis for the smaller boilers is the following:

1. The total fuel use for the smaller boilers shall not exceed 500,000 gal/year of #2 fuel oil with a maximum sulfur content not to exceed 0.5% by weight or the Btu equivalent (70,000 MMBtu/yr) for a combination of natural gas and fuel oil, based on a 12 month rolling total.
2. The SO₂ emission limits are based on the firing of fuel which meets the criteria in ASTM D396 for #2 fuel oil.
3. For boilers greater than 3 MMBtu/hr, Chapter 103 regulates PM emission limits. For boilers smaller than 3 MMBtu/hr, the PM limits are derived from the limits in Chapter 103. The PM₁₀ limits are derived from the PM limits.
4. NO_x emission limits are based on data from similar natural gas and #2 oil fired boilers.
5. CO and VOC emission limits are based upon AP-42 data dated 9/98 for natural gas firing.
6. Visible emissions from each of the smaller boiler's stacks shall not exceed 20% opacity on a 6 minute block average, except for no more than one (1) six minute block averages in a continuous 3 hour period.

D. Emergency Generators

Bates College operates three back-up diesel generators and is proposing to install two additional generators. Back-up generators are only to be operated for maintenance purposes and for situations arising from sudden and reasonably unforeseeable events beyond the control of the source. Back-up generators are not to be used for prime power when reliable offsite power is available.

A summary of the BPT analysis for Generator #1 (250 kW), Generator #2 (100 kW), and Generator #3 (265 kW) as well as BACT for Generator #4 (125 kW) and Generator #5 (300 kW) is the following:

1. The back-up generators shall fire only diesel fuel with a maximum sulfur content not to exceed 0.05% by weight.
2. The back-up generators shall each be limited to 500 hr/yr of operation based on a 12 month rolling total. Compliance shall be demonstrated by a written log of all generator operating hours.
3. Chapter 106 regulates fuel sulfur content, however in this case a BPT analysis for SO₂ determined a more stringent limit of 0.05% was appropriate and shall be used.
4. For generators greater than 3 MMBtu/hr Chapter 103 regulates PM emission limits. For generators smaller than 3 MMBtu/hr the PM limits are derived from the limits in Chapter 103. The PM₁₀ limits are derived from the PM limits.
5. NO_x, CO, and VOC emission limits are based upon AP-42 data dated 10/96.
6. Visible emissions from the back-up generators shall each not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

E. Degreaser Unit

Bates College operates a small solvent cleaning unit in the Olan Arts Center which is maintained by Safety Kleen. This unit uses a remote reservoir, limiting the contact between the solvent and the indoor air. A low pressure stream re-circulates the solvent from the reservoir to the washing area. This minimizes emissions as compared to a conventional atomized sprayer. The unit shall meet the requirements of Chapter 130 which includes keeping the cover closed when not in use and keeping records of the solvent added and removed.

F. Annual Emissions

Bates College shall be restricted to the following annual emissions, based on a 12 month rolling total:

Total Licensed Annual Emissions for the Facility
Tons/year
(used to calculate the annual license fee)

	PM	PM₁₀	SO₂	NO_x	CO	VOC
Boilers #1, #2, & #3	2.1	2.1	35.0	14.0	10.5	2.1
Small Boilers	4.2	4.2	17.8	12.6	2.9	0.2
Generator #1	0.1	0.1	0.1	2.9	0.6	0.2
Generator #2	0.1	0.1	0.1	1.2	0.3	0.1
Generator #3	0.1	0.1	0.1	3.3	0.7	0.3
Generator #4	0.1	0.1	0.1	1.6	0.3	0.1
Generator #5	0.1	0.1	0.1	3.8	0.8	0.3
Total TPY	6.8	6.8	53.3	39.4	16.1	3.9

III.AMBIENT AIR QUALITY ANALYSIS

Bates College previously submitted an ambient air quality analysis demonstrating that emissions from the facility, in conjunction with all other sources, do not violate ambient air quality standards. An additional ambient air quality analysis is not required for this renewal.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-373-71-I-R subject to the following conditions.

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (Title 38 MRSA §347-C).
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115. [MEDEP Chapter 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [MEDEP Chapter 115]
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [MEDEP Chapter 115]
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S.A. §353. [MEDEP Chapter 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [MEDEP Chapter 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [MEDEP Chapter 115]
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records

for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [MEDEP Chapter 115]

- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [MEDEP Chapter 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [MEDEP Chapter 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
 - A. perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
 - 1. within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
 - 2. pursuant to any other requirement of this license to perform stack testing.
 - B. install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
 - C. submit a written report to the Department within thirty (30) days from date of test completion.[MEDEP Chapter 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
 - A. within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and
 - B. the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to

the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and

- C. the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.

[MEDEP Chapter 115]

- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement. [MEDEP Chapter 115]
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [MEDEP Chapter 115]
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [MEDEP Chapter 115]

SPECIFIC CONDITIONS

(16) Boilers #1, #2, and #3

A. The total fuel use for Boilers #1, #2, and #3 shall not exceed 1,000,000 gal/year of #2 fuel oil or the Btu equivalent (140,000 MMBtu/yr) for a combination of natural gas and fuel oil, based on a 12 month rolling total. Compliance shall be demonstrated by fuel records from the supplier showing the quantity and type of fuel delivered. [MEDEP Chapter 115, BPT]

B. Emissions shall not exceed the following:

Emission Unit	Pollutant	lb/MMBtu	Origin and Authority
Boiler #1	PM	0.03	MEDEP Chapter 115, BPT
Boiler #2	PM	0.03	MEDEP Chapter 115, BPT
Boiler #3	PM	0.03	MEDEP Chapter 115, BPT

C. Emissions shall not exceed the following [MEDEP Chapter 115, BPT]:

Emission Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Boiler #1	0.88	0.88	14.7	5.88	4.41	0.88
Boiler #2	0.88	0.88	14.7	5.88	4.41	0.88
Boiler #3	0.88	0.88	14.7	5.88	4.41	0.88

D. Visible emissions from the combined stack for Boilers #1, #2, and #3 shall not exceed 20% opacity on a six (6) minute block average, except for no more than one (1) six (6) minute block average, not to exceed 27%, in a continuous 3-hour period. [MEDEP Chapter 115, BPT]

(17) **New Source Performance Standards for Dc Boilers**

Boilers #1, #2, and #3 are subject to Federal New Source Performance Standards, Subpart Dc. Bates College shall comply with all requirements of 40 CFR Part 60, Subpart Dc including, but not limited to, the following:

A. Bates College shall submit to EPA and the Department semi-annual reports. These reports shall include the calendar dates covered in the reporting period and records of fuel supplier certifications. The fuel supplier certification must

contain the name of the oil supplier and a statement from the oil supplier that the oil complies with ASTM specifications for #2 fuel oil. The semi-annual reports are due within 30 days of the end of each 6-month period.

- B. The following address for EPA shall be used for any reports or notifications required to be copied to them:

Compliance Clerk
USEPA Region 1
1 Congress Street
Suite 1100
Boston, MA 02114-2023

(18) Small Boilers

- A. The total fuel use for these boilers shall not exceed 500,000 gal/year of #2 fuel oil or the Btu equivalent (70,000 MMBtu/yr) for a combination of natural gas and fuel oil, based on a 12 month rolling total. Compliance shall be demonstrated by fuel records from the supplier showing the quantity and type of fuel delivered. [MEDEP Chapter 115, BPT]
- B. Emissions shall not exceed the following:

Emission Unit	Pollutant	lb/MMBtu	Origin and Authority
Boiler #4	PM	0.12	MEDEP, Chapter 103, Section 2(B)(1)(a)
Boiler #5	PM	0.12	MEDEP, Chapter 103, Section 2(B)(1)(a)
Boiler #16	PM	0.05	MEDEP Chapter 115, BPT

C. Emissions shall not exceed the following [MEDEP Chapter 115, BPT]:

Emission Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Boiler #4	0.75	0.75	3.18	2.26	0.51	0.03
Boiler #5	0.75	0.75	3.18	2.26	0.51	0.03
Furnace #10	0.13	0.13	0.03	0.24	0.20	0.01
Furnace #11	0.13	0.13	0.03	0.24	0.20	0.01
Boiler #12	0.30	0.30	1.27	0.90	0.20	0.01
Boiler #13	0.30	0.30	1.27	0.90	0.20	0.01
Boiler #14	0.30	0.30	1.27	0.90	0.20	0.01
Boiler #16	0.19	0.19	0.04	0.36	0.31	0.02
Boiler #17	0.21	0.21	0.89	0.63	0.06	0.01
Boiler #18	0.14	0.14	0.59	0.42	0.04	0.01
Boiler #19	0.21	0.21	0.89	0.63	0.06	0.01

D. Visible emissions from the small boilers shall each not exceed 20% opacity on a six (6) minute block average, except for no more than one (1) six (6) minute block average in a continuous 3-hour period. [MEDEP Chapter 101]

(16) **Back-up Generators**

- A. Bates College shall limit each Back-up Generator to 500 hr/yr of operation (based on a 12 month rolling total). An hour meter shall be maintained and operated on each Generator. [MEDEP Chapter 115, BPT]
- B. The Back-up Generators shall only be operated for maintenance purposes and for situations arising from sudden and reasonably unforeseeable events beyond the control of the source. The Back-up Generators shall not be used for prime power when reliable offsite power is available. A log shall be maintained documenting the date, time, and reason for operation. [MEDEP Chapter 115, BPT]
- C. The Back-up Generators shall fire diesel fuel with a sulfur limit not to exceed 0.05% by weight. Compliance shall be based on fuel records from the supplier showing the quantity of fuel delivered and the percent sulfur of the fuel. [MEDEP Chapter 115, BPT]

D. Emissions shall not exceed the following:

Emission Unit	Pollutant	lb/MMBtu	Origin and Authority
Generator #3	PM	0.12	MEDEP, Chapter 103, Section 2(B)(1)(a)
Generator #5	PM	0.12	MEDEP, Chapter 103, Section 2(B)(1)(a)

E. Emissions shall not exceed the following [MEDEP Chapter 115, BPT/BACT]:

Emission Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Generator #1	0.31	0.31	0.13	11.47	2.47	0.91
Generator #2	0.13	0.13	0.06	4.85	1.05	0.39
Generator #3	0.36	0.36	0.15	13.23	2.85	1.05
Generator #4	0.17	0.17	0.07	6.26	1.36	0.50
Generator #5	0.41	0.41	0.18	15.04	3.24	1.19

F. Visible emissions from the Back-up Generators shall each not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [MEDEP Chapter 101]

(19) **Parts Washer**

The parts washer in the Olan Arts Center at Bates College is subject to MEDEP Chapter 130.

A. Bates College shall keep records of the amount of solvent added to each parts washer. [MEDEP Chapter 115, BPT]

B. The following are exempt from the requirements of Chapter 130 [MEDEP Chapter 130]:

1. Solvent cleaners using less than two liters (68 oz) of cleaning solvent with a vapor pressure of 1.00 mmHg, or less, at 20° C (68° F);
2. Wipe cleaning; and,
3. Cold cleaning machines using solvents containing less than or equal to 5% VOC by weight.

C. The following standards apply to remote reservoir cold cleaning machines that are applicable sources under Chapter 130.

1. Bates College shall attach a permanent conspicuous label to each unit

summarizing the following operational standards [MEDEP Chapter 130]:

- (i) Waste solvent shall be collected and stored in closed containers.
 - (ii) Cleaned parts shall be drained of solvent directly back to the cold cleaning machine by tipping or rotating the part for at least 15 seconds or until dripping ceases, whichever is longer.
 - (iii) Flushing of parts shall be performed with a solid solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray) at a pressure that does not exceed 10 psig. Flushing shall be performed only within the freeboard area of the cold cleaning machine.
 - (iv) The cold cleaning machine shall not be exposed to drafts greater than 40 meters per minute when the cover is open.
 - (v) Sponges, fabric, wood, leather, paper products and other absorbent materials shall not be cleaned in the degreaser.
 - (vi) When a pump-agitated solvent bath is used, the agitator shall be operated to produce no observable splashing of the solvent against the tank walls or the parts being cleaned. Air agitated solvent baths may not be used.
 - (vii) Spills during solvent transfer shall be cleaned immediately. Sorbent material shall be immediately stored in covered containers.
 - (viii) Work area fans shall not blow across the opening of the degreaser unit.
 - (ix) The solvent level shall not exceed the fill line.
2. The remote reservoir cold cleaning machine shall be equipped with a perforated drain with a diameter of not more than six inches. [MEDEP Chapter 130, BPT]

- (20) Bates College shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (Title 38 MRSA §605).

(21) **Annual Emission Statement**

In accordance with MEDEP Chapter 137, the licensee shall annually report to the Department the information necessary to accurately update the State's emission inventory by means of:

- 1) A computer program and accompanying instructions supplied by the Department;
or
- 2) A written emission statement containing the information required in MEDEP Chapter 137.

Reports and questions should be directed to:

Attn: Criteria Emission Inventory Coordinator
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

Phone: (207) 287-2437

The emission statement must be submitted by July 1 or as otherwise specified in Chapter 137.

(22) Air Toxics Emission Statement

If Bates College exceeds the thresholds for HAPs listed in Appendix A of MEDEP Chapter 137 in an inventory year, in accordance with MEDEP Chapter 137 the licensee shall report, no later than July 1 every three years or as otherwise stated in Chapter 137, the information necessary to accurately update the State's toxic air pollutants emission inventory in a format prescribed by the Department containing the information required in MEDEP Chapter 137.

NOTE: Based on AP-42 emission factors for fuel burning equipment, Bates College will most likely exceed the Chapter 137 thresholds of HAPs based on fuel burning alone should the facility exceed the firing of 770,000 gallons of #2 fuel oil in a calendar year.

Reports and questions on the Air Toxics emissions inventory portion should be directed to:

Attn: Toxics Inventory Coordinator
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

Phone: (207) 287-2437

(23) **Payment of Annual License Fee**

Bates College shall pay the annual air emission license fee within 30 days of October 30th of each year. Pursuant to 38 MRSA §353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for revocation of the license under 38 MRSA §341-D, subsection 3.

DONE AND DATED IN AUGUSTA, MAINE THIS _____ DAY OF _____ 2007.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAVID P. LITTELL, COMMISSIONER

The term of this license shall be five (5) years from the signature date above.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 6/24/05

Date of application acceptance: 6/24/05

Date filed with the Board of Environmental Protection: _____

This Order prepared by Lynn Ross, Bureau of Air Quality.